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HDR-CX330/B

Full HD 60p Camcorder

Tell a better story with Sony Full HD/60p quality and stabilization that makes everything clear, shake-free and easy to share. Control, transfer and backup everything via Wi-Fi® with NFC in just a touch and get even closer to the action with a 30x zoom, wide-angle Sony G lens. It's the camera that's ready when you are.

Key Features

1920x1080 Full HD 60p w/9.2MP Exmor R® CMOS Sensor

Create high definition 1920 x 1080 60p videos and high quality 9.2MP still images. Experience stunning low-light sensitivity with improved image clarity and drastically reduced grain with Sony's back-illuminated Exmor R® CMOS sensor. Designed for compact cameras and camcorders, the Exmor R® CMOS sensor relocates the photo diodes above the support circuitry, maximizing the light gathering area per pixel so you can shoot with better results in lower lighting conditions.

Optical SteadyShot™ image stabilization

Optical SteadyShot™ image stabilization with Active Mode compensates for greater degrees of camera shake to deliver stunningly smooth video from wide angle to full telephoto shooting. In addition, innovative 3-Way Shake-Canceling adds electronic roll stability for even smoother video capture.

Wireless control, transfer, data backup via NFC/Wi-Fi®[1]

Easy connection via NFC / Wi-Fi® built-in to Handycam® Camcorders.[1] Turn your mobile phone and/or tablet into a remote control/viewing device, transfer your files to your mobile device wirelessly for instant sharing, Back up your data on your PC and even enjoy your videos and photos on a TV without wires.

Wide Angle G lens to capture more of what you want

Experience the pinnacle of Sony® lens technology with the professional-quality G Lens. Engineered for superior optical performance, Sony G lenses deliver brilliant, accurate color reproduction and sharp, amazingly detailed images. In addition, the 26.8mm focal length in Photo and Video Modes offers a broader perspective for enhanced wide angle shooting.

30x Optical/60x Clear Image Zoom to get even closer to the action

Clear Image Zoom works in conjunction with 30x optical zoom to get even closer to the action while maintaining HD image quality.

2.7" Clear Photo LCD™ display (230K)

The 2.7" (16:9) Clear Photo™ LCD (230K) displays sharp, bright, vivid images, letting you compose a shot more easily -- even outdoors, while enabling you to change settings to best represent the scene.

Face Detection with voice enhancement and noise reduction

Sony's Face Detection technology can automatically distinguish between children and adults. Face Detection technology detects up to eight individual faces and adjusts flash, focus, exposure, and white balance to help deliver crisp, properly lit images of family and friends.

Built-in USB cable for easy file transfer/charge

The high-speed, built-in USB 2.0 cable allows for easy connection to your computer for charging or file transfer without having to remember separate cables. It also fits conveniently into the hand strap so it's out of the way until you need it. Charging your camcorder is faster than ever now through the USB; for every two minutes of charge time you get one minute of recording time.

Get creative w/ 7 picture effects for video and still photos

Picture Effects add a new level of expression to video and photos, making ordinary landscapes and portraits come to life by heightening mood and emphasizing certain attributes. There are seven different effects such as partial color to make your focal point stand out, or watercolor which looks like a painting.

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Record high quality AVCHD and easy-to-share MP4 HD

Record HD video in the AVCHD and MP4 formats for highest quality or easy transfer and sharing. AVCHD provides premium video that can be enjoyed on large screen HDTVs, and is ideal for capturing precious memories at special occasions, family vacations and other moments you want to treasure for a lifetime. MP4 is great for those moments that you want to quickly share on your social networks or store on the cloud.

Specifications

Imaging Sensor	1/5.8" (4.6mm) back-illuminated Exmor R® CMOS Sensor
Processor	BIONZ® X image processor
Pixel Gross	Approx.2510K pixels
Effective Picture Resolution	Approx.2290K pixels(16:9)/Approx.1710K pixels(4:3)
Color Filter System	RGB primary color filters

Media Type	Memory Stick Micro and Micro SD/SDHC/SDXC compatible
Still Image Mode	JPEG
Still Image Max Effective Resolution	9.2 megapixels
Still Image Size 16:9	Movie Mode: 9.2 megapixels 16:9 (4032x2272); Photo Mode: 9.2 megapixels 16:9 (4032x2272)
Still Image Size 4:3	Photo Mode: 6.9megapixels 4:3(3024x2272)
Video Mode	HD: MPEG4-AVC/H.264 AVCHD 2.0 format.compatible; STD: MPEG2-PS; MP4: MPEG-4 AVC/H.264
Video Resolution	HD:1920x1080/60p(PS),60i(FX,FH), 1440x1080/60i(HQ,LP)
Video Actual (Pixel)	Approx.2290K pixels(16:9)
Video Signal	HDTV, NTSC color, EIA standards
Photo Capture from Movie	2.1megapixels16:9 (1920×1080)
Dual Record	Yes
Audio Format	Digital 2ch Stereo, Dolby® Digital Stereo Creator;MPEG-4 AAC-LC 2ch
Microphone/Speaker	Built-in Zoom Microphone/Monoral Speaker
Dual Video Recording	Yes
Mic Level Control	Yes(2steps)
Movie Recording Rate(Average Bit Rate/VBR)	HD PS:Approx.28Mbps/FX:Approx.24Mbps/FH:Approx.17Mbps/HQ:Approx.9Mbps/LP:Approx.5Mbps MP4: Approx.3Mbps
Still Image File Format	DCF Ver.2.0 compatible, Exif Ver.2.3 compatible, MPF Baseline compatible

Lens Type	G Lens
Lens Stabilization	Optional SteadyShot™ image stabilization w/ Intelligent Active mode (Wide to Tele)
Aperture	F1.8-F4.0
Optical Zoom	30x
Digital Zoom	350x
Focal Length (35mm equivalent)	Movie Mode: 26.8-804.0mm (16:9); Photo Mode: 26.8-804.0mm (16:9), 32.8-984.0.0mm (4:3)
Minimum Focus Distance	Approx.1cm(Wide),Approx.80cm(Tele) (13/32inch-31 1/2inch)
Clear Image Zoom	60x

LCD Type	2.7" Clear Photo LCD™ display (230K)
Angle Adjustment	Opening Angle: max.90 deg., Turning Angle: max.270 deg.
Brightness Control	Yes (Menu)
Coverage	100%

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Grid Display	Grid Line

Focus System	Contrast AF
AF Modes	Auto/Manual
Focus Area	Full range Focus

Metering Modes	Multi-segment
Exposure Settings	Auto, Manual (Menu)
Scene Mode(s)	Auto/Night Scene/Sunrise & Sunset/Fireworks/Landscape/Portrait/Spotlight/Beach/Snow
D-Range Optimizer	Yes
Noise Reduction	Yes
White Balance Mode	Auto/Onepush/Outdoor/Indoor
Minimum Illumination	Standard: 6 lux (1/30 Shutter Speed); Low Lux: 3 lux (1/30 Shutter Speed)
Auto Iris Control	F1.8 - F10
Backlight Compensation	Yes (Auto)
Gain Control	Auto
LOW LUX Mode	Yes

Drive Mode	Photo Mode: Single-shot / Self-timer
Self-timer	Approx. 10sec. (Still Image)
Shutter Speeds	Shutter Speed(Standard): 1/60 - 1/10000; Shutter Speed (Auto Control Range) 1/8 - 1/100000; Shutter Speed(Manual Iris Control) 1/60 - 1/10000; Shutter Speed(Manual Shutter) 1/8 - 1/10000; Shutter Speed(Smooth Slow Rec): 1/250 - 1/10000

Manual / Auto Lens Cover	Manual
Self Timer	Yes
Red-Eye Reduction	Yes (On/Off)
Fader Effect(s)	White / Black
Date / Time Stamp	Yes (Rec Date and Time, Camera info)
Erase/Protect	Yes / Yes
Media/Battery Indicator	Yes (recordable time, free and used media space) / Yes (recordable time, remaining capacity)
Power Save Mode	Yes
Still Image Playback Options	Slide Show
Video Playback Options	Highlight Playback (HD Movie Only); Highlight Playback Save and Share (Translate into STD quality); Highlight Scenario (Save/Playback/Erase); Hightlight BGM (Preinstalled 4 music files, Music transfer)
Built-in USB Cable	Yes (USB Charge Available)
Multiple Language Display	English; Brazilian Portugese; Canadian French; Spanish
Picture Effects	Yes
Self Recording	Yes
AGC Limit	Yes
Airplane Mode	Yes

Face Detection	Yes
Image Stabilization	SteadyShot™ image stabilization w/ Active mode (Wide to Tele)
Intelligent Auto	Portrait / Baby / Tripod / Backlight / Landscape / Spotlight / Twilight / Macro / Low light
Smile Shutter™ technology	Dual Capture / Always On / Off
Wi-Fi	Built-In (Wi-Fi Compatible, IEEE 802.11b/g/n(2.4GHz band)

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Wi-Fi Functionality	Remote control with mobile device, send to smartphone, send to PC
x.v.Color™	Yes

Memory Card Slot	Memory Stick Micro and Micro SD/SDHC/SDXC compatible
NFC	Yes
Wi-Fi	Yes
SD Output	Composite Video Out (AV CABLE (sold separately))
HD Output	HDMI Out (micro)(supplied)
USB Port(s)	TypeA (built-in) / USB2.0 Hi-speed (mass-storage/MTP)
BRAVIA® Sync™	Yes
PhotoTV HD	Yes
Direct Copy	Yes
DC IN	Yes
HDMI Terminal	Yes (HDMI micro)
Projector Input	Yes (HDMI micro)

Dimensions (Approx.)	Approx.2 1/4inchx 2 3/8inch x 4 3/4inch (Approx.61.0mm x 59.5mm x 119.0mm)
Weight (Approx.)	Approx.6.7oz (Approx.190g) Main Unit Only

Power Consumption (in Operation)	LCD: HD:2.1W
Power Requirements	3.6V (battery pack); 5.0V (AC Adapter)
Battery Type	InfoLITHIUM with AccuPower Meter System (V Series)

Supplied Software	PC: PlayMemories Home and Music Transfer (via download); MAC: Music Transfer, PlayMemories Online Uploader, Wireless Auto Import (by download)
Operating System Compatibility	Windows XP SP3 /Windows Vista SP2 /Windows7 64-bit editions and Starter (Edition) are not supported. The Windows Image Mastering API (IMAPI) Ver. 2.0 or later is required to use the function for creating discs. Starter (Edition) are not supported. Standard installation is required. Operation is not assured if the above OS has been upgraded or in a multi-boot environment.

Limited Warranty Term	Limited Warranty --- 1 Year Parts; 90 Days Labor

Supplied Accessories	Rechargeable Battery Pack (NP-FV50) (1) USB AC adapter (1) HDMI (micro) Cable (1) USB Connection Support Cable (1) Operating Guide (1)

1. Requires NFC-compatible mobile device. Check device's user manual for compatibility.

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